

Project Files

Date	26 June 2025
Team ID	LTVIP2025TMID29751
Project Name	Airline Management system

These are the main Salesforce components created and configured as part of the project:

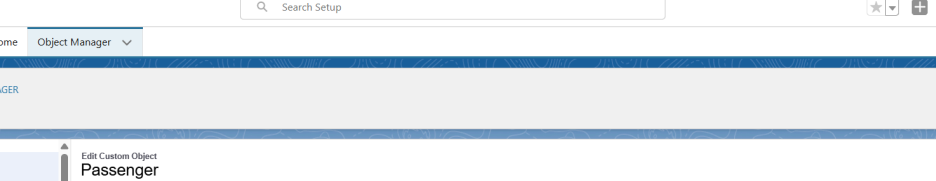
- **Custom Objects:**
 - Flight

The screenshot shows the Salesforce Setup interface for the 'Flight' custom object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scanning Rules. The main content area is titled 'Edit Custom Object Flight' and includes a 'Custom Object Definition Edit' section with 'Save', 'Save & New', and 'Cancel' buttons. Below this is the 'Custom Object Information' section, which contains fields for 'Label' (Flight), 'Plural Label' (Flights), 'Object Name' (Flight), and 'Description'. It also includes a 'Starts with vowel sound' checkbox and a 'Context-Sensitive Help Setting' dropdown. A red exclamation mark icon indicates required information.

- Booking

[illegible]

- Passenger



The screenshot shows the Salesforce Lightning Setup interface. The top navigation bar includes the Salesforce logo, a search bar, and various utility icons. The main header displays the breadcrumb 'SETUP > OBJECT MANAGER' and the title 'Passenger'. A left sidebar contains a list of setup categories: Details (selected), Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, and Restriction Rules. The main content area is titled 'Edit Custom Object Passenger' and contains a 'Custom Object Definition Edit' section. This section includes a 'Custom Object Information' sub-section with the following details:

- Label:** Passenger (Example: Account)
- Plural Label:** Passengers (Example: Accounts)
- Starts with vowel sound:** ☐
- The Object Name is used when referencing the object via the API.**
 - Object Name:** Passenger (Example: Account)
 - Description:** (Empty text area)
- Context-Sensitive Help Setting:**
 - ☒ Open the standard Salesforce.com Help & Training window
 - ☐ Open a window using a Visualforce page
- Content Name:** --None--

At the top of the 'Custom Object Definition Edit' section are three buttons: 'Save', 'Save & New', and 'Cancel'. A 'Help for this Page' link is located in the top right corner of the main content area.

- Crew

The screenshot shows the 'Crew' custom object definition in Salesforce Setup. The left sidebar lists navigation options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Edit Custom Object Crew' and contains the 'Custom Object Definition Edit' form. The form includes sections for 'Custom Object Information' (Label: Crew, Plural Label: Crews, Starts with vowel sound: unchecked), 'Object Name' (Crew), 'Description' (empty text area), 'Context-Sensitive Help Setting' (radio buttons for standard Salesforce help or Visualforce page), and 'Content Name' (dropdown menu). At the bottom, there is a section for 'Enter Record Name Label and Format'.

- **Custom Fields & Relationships:**
 - Picklist, Date, Number, Lookup, Text fields created across all objects
 - Field dependencies between fields (e.g., "Departs From" → "Departs To")

The screenshot shows the 'Flight' custom object's 'Fields & Relationships' page in Salesforce Setup. The left sidebar lists navigation options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Fields & Relationships' and shows a table of 11 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields are: Arrival Time (Time), Capacity (Number(18, 0)), Created By (Lookup(User)), Departs From (Picklist), Departs to (Picklist, Controlling Field: Departs From), Departure Date (Date), Departure Time (Time), Flight Name (Text(80), Indexed), and Last Modified By (Lookup(User)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Arrival Time	Arrival_Time__c	Time		
Capacity	Capacity__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Departs From	Departs_From__c	Picklist		
Departs to	Departs_to__c	Picklist	Departs From	
Departure Date	Departure_Date__c	Date		
Departure Time	Departure_Time__c	Time		
Flight Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		

- **Lightning App:**
 - Airline Management System app with tabs for custom objects

- App Settings**
- App Details & Branding**
 - App Options
 - Utility Items (Desktop Only)
 - Navigation Items
 - User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

* App Name ⓘ

* Developer Name ⓘ

Description ⓘ

An Airline Management System (AMS) is a software-based system that helps airlines

App Branding

Image ⓘ

Upload

Primary Color Hex Value ⓘ

▾

 #0070D2

Org Theme Options
☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview

AM

AirLine Management System
An Airline Management System (AMS) is a software-based...

- App Settings**
- App Details & Branding
 - App Options**
 - Utility Items (Desktop Only)
 - Navigation Items
 - User Profiles

App Options

Navigation and Form Factor ⓘ

* Navigation Style

☒ Standard navigation

☐ Console navigation

* Supported Form Factors

☒ Desktop and phone

☐ Desktop

☐ Phone

Setup and Personalization ⓘ

Setup Experience

☒ Setup (full set of Setup options)

☐ Service Setup

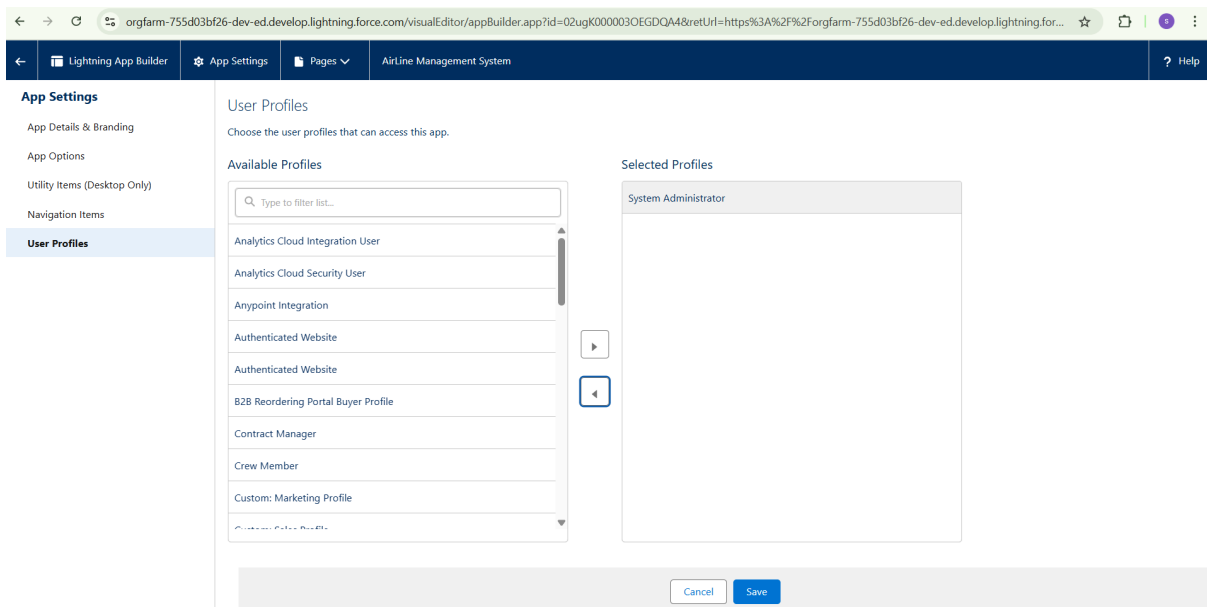
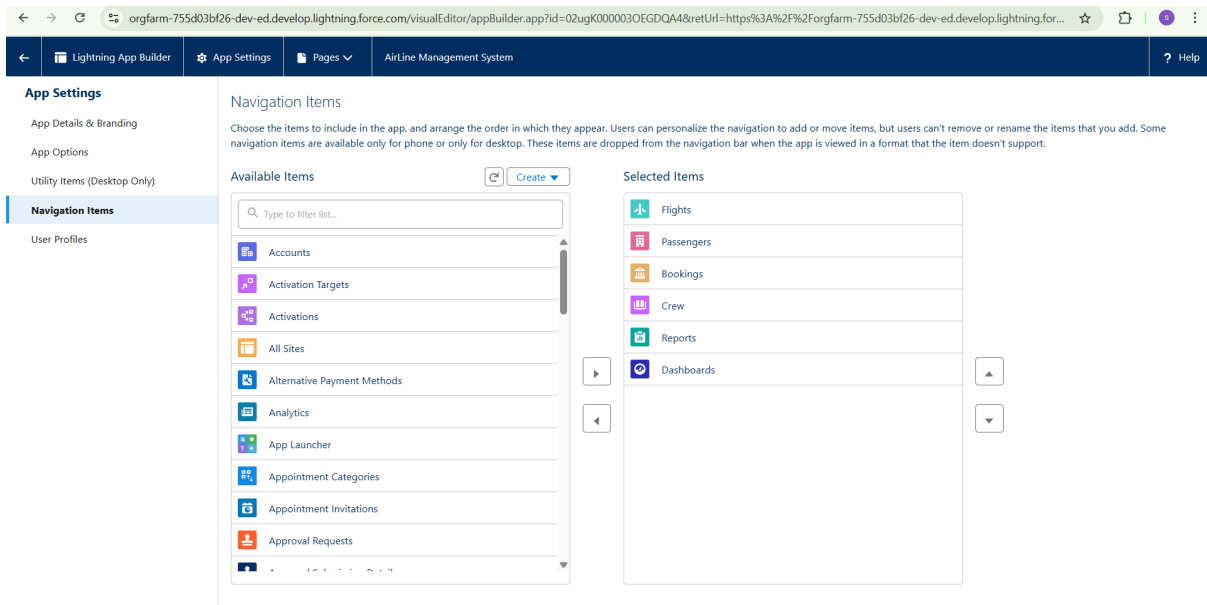
☐ Data Cloud Setup

App Personalization Settings

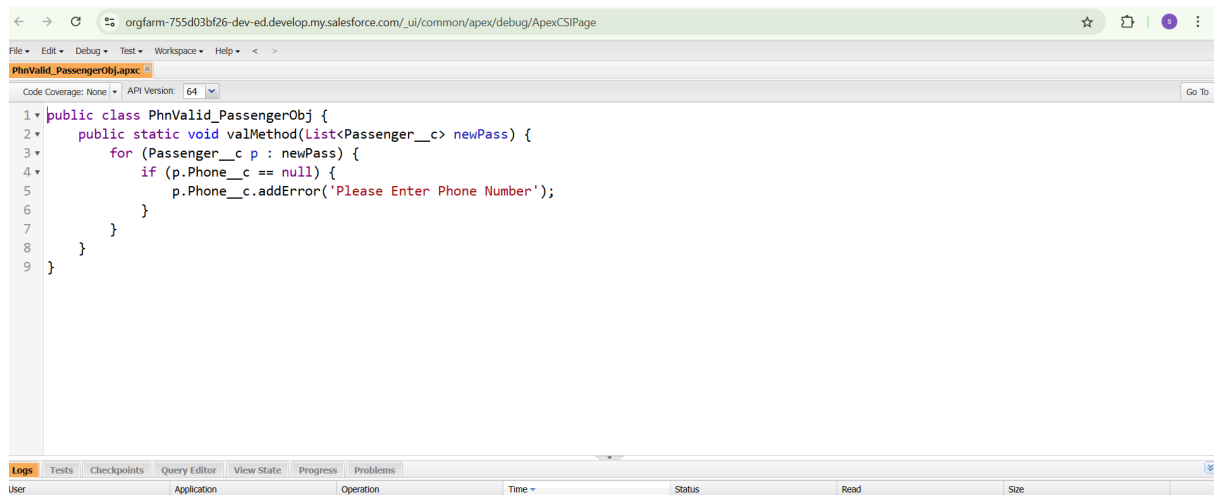
☐ Disable end user personalization of nav items in this app

☐ Disable temporary tabs for items outside of this app

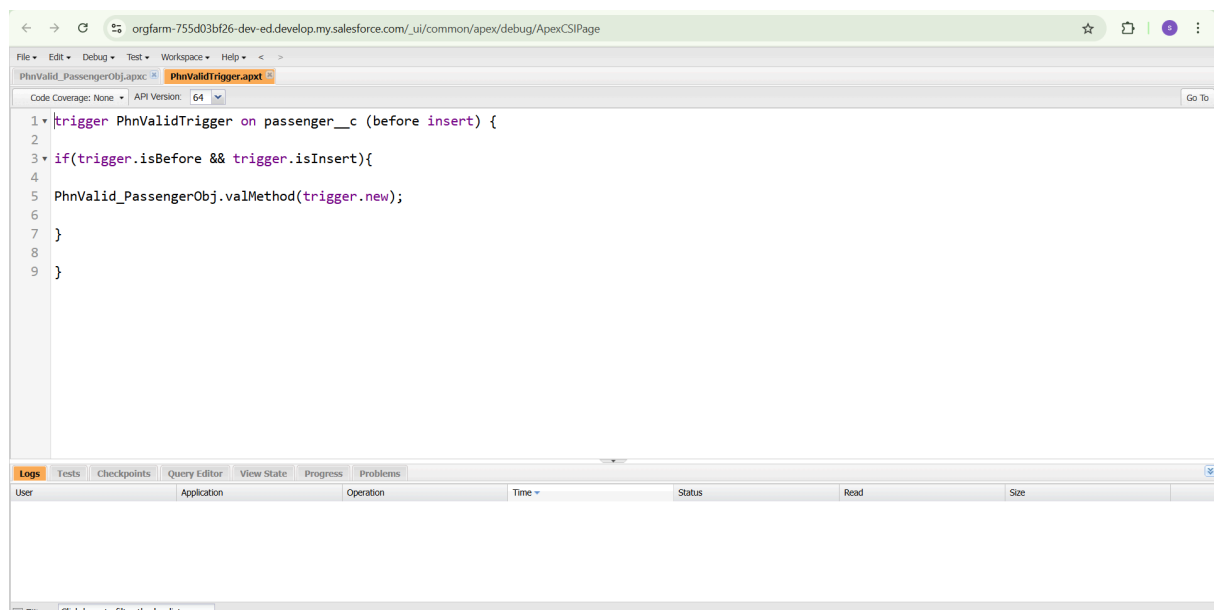
☐ Use Omni-Channel sidebar



- **Schema Builder:**
 - Shows visual representation of all object relationships
- **Apex Components:**
 - **Apex Class:** PhnValid_PassengerObj



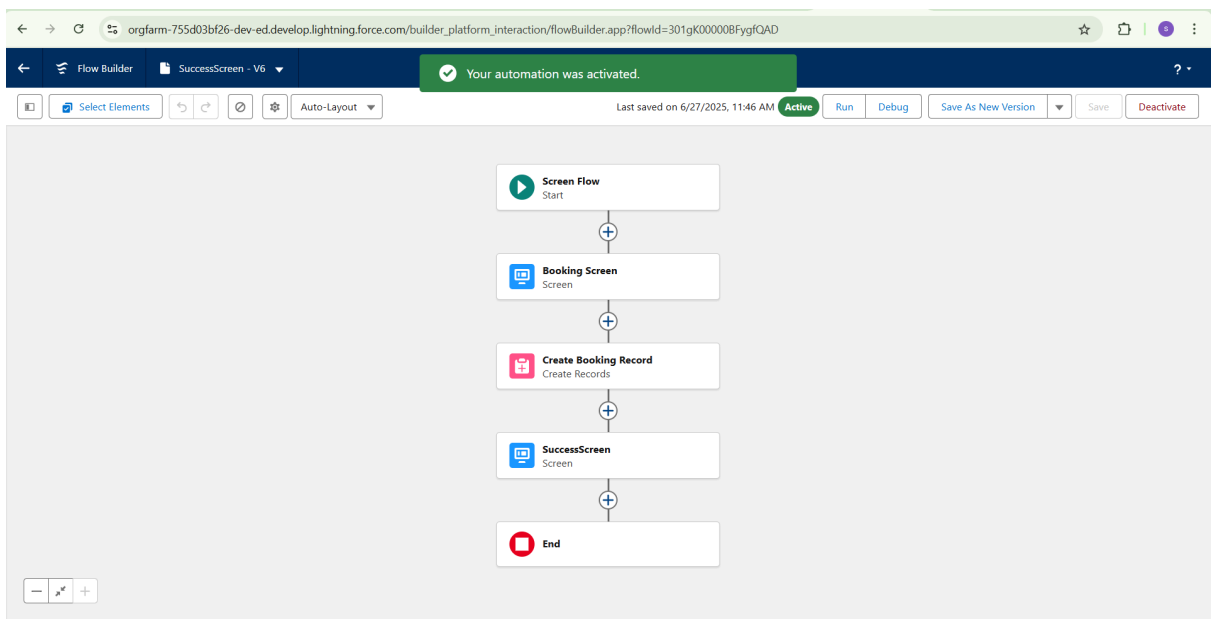
- **Trigger:** PhnValidTrigger



- **Test Class:** PhnValid_TestClass

```
1 isTest
2 public class PhnValid_TestClass {
3
4     @isTest
5
6     public static void testClass(){
7         list<Passenger__c> varlis = new list<Passenger__c>();
8         Passenger__c var = new Passenger__c();
9         var.Phone__c = null;
10        varlis.add(var);
11        insert varlis;
12        PhnValid_PassengerObj.valMethod(varlis);
13    }
14
15 }
```

- **Flows:**
 - Screen flow for creating a new Booking record with success confirmation



- **Profiles & Roles:**
 - Custom Profiles (e.g., General Admin, Management Admin)

orgfarm-755d03bf26-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egK000002IqH3%2Fe%3FretURL%3D%252F00e%253Ffc%253D000BgK000007...

Setup Home Object Manager

Search Setup

Hyperforce Assistant

Users

Profiles

Data

Mass Transfer Approval Requests

Feature Settings

Approval Settings

Data.com

Prospector Preferences

Prospector Users

Functions

Marketing

Lead Processes

Sales

Products

Asset Settings

Product Schedules

Profile Edit

General Admin

Set the permissions and page layouts for this profile.

Profile Edit

Name: General Admin

User License: Salesforce Platform

Description:

Custom Profile: ☒

Custom App Settings

	Visible	Default		Visible	Default
AirLine Management System (AirLine_Management_System)	<input type="checkbox"/>	<input type="radio"/>	Platform (standard__Platform)	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Analytics Studio (standard__Insights)	<input type="checkbox"/>	<input type="radio"/>	WDC (standard__Work)	<input type="checkbox"/>	<input type="radio"/>
App Launcher (standard__AppLauncher)	<input type="checkbox"/>	<input type="radio"/>			

Service Provider Access

Tab Settings

☐ Overwrite users' personal tab customizations

orgfarm-755d03bf26-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egK000002IskD%2Fe%3FretURL%3D%252F00e%253Ffc%253D000BgK000007...

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Product Schedules

Profile Edit

Management Admin

Set the permissions and page layouts for this profile.

Profile Edit

Name: Management Admin

User License: Salesforce Platform

Description:

Custom Profile: ☒

Custom App Settings

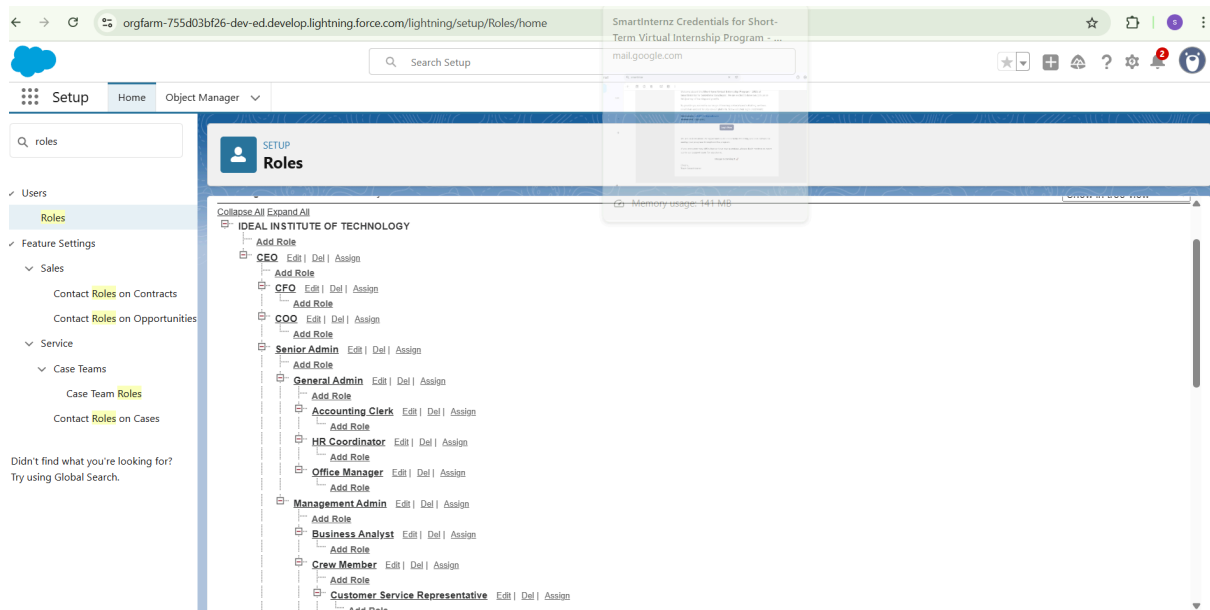
	Visible	Default		Visible	Default
AirLine Management System (AirLine_Management_System)	<input type="checkbox"/>	<input type="radio"/>	Platform (standard__Platform)	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Analytics Studio (standard__Insights)	<input type="checkbox"/>	<input type="radio"/>	WDC (standard__Work)	<input type="checkbox"/>	<input type="radio"/>
App Launcher (standard__AppLauncher)	<input type="checkbox"/>	<input type="radio"/>			

Service Provider Access

Tab Settings

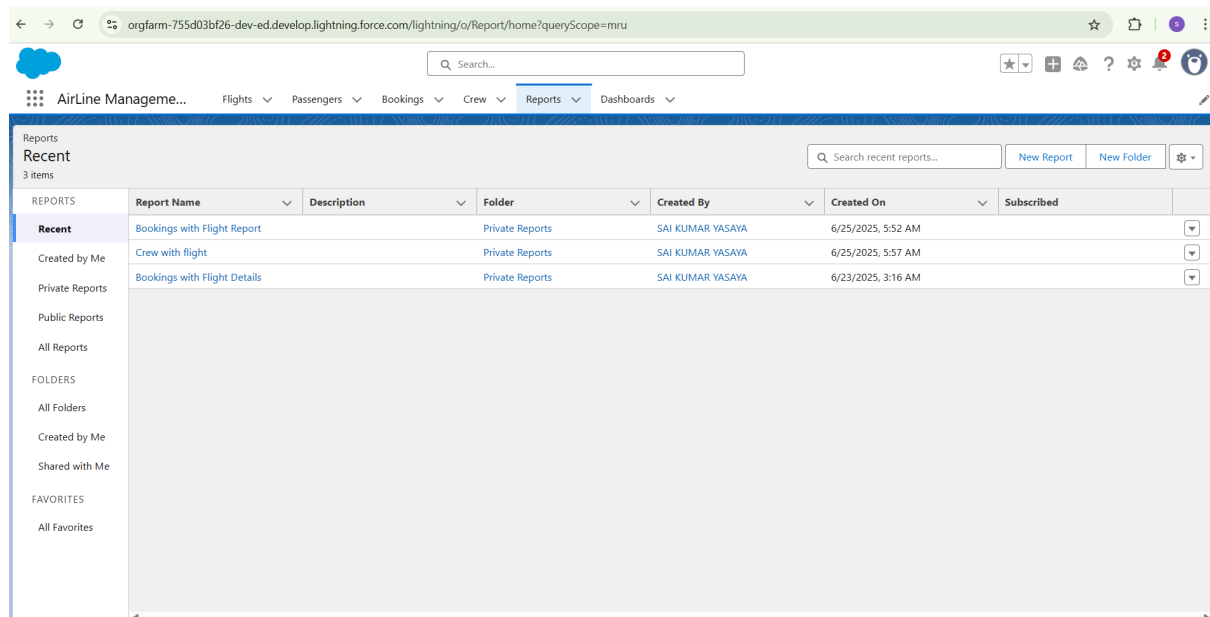
☐ Overwrite users' personal tab customizations

- Custom Roles (e.g., Senior Admin, Crew Member)



- **Reports & Dashboards:**

- Reports: “Bookings with Flight Details”, “Booking with Passenger Name”, etc.



- Dashboards: Visualizations using donut charts for key metrics



Dashboard

Booking with Flights Component

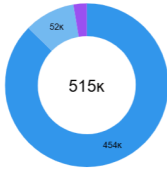
using the Booking with flight report
⚠ Last refreshed 1 day ago. Refresh this dashboard to see the latest data.
As of Jun 25, 2025, 6:03 AM Viewing as SAI KUMAR YASAYA

Refresh Edit Subscribe

Bookings with Flight Details



Sum of Flight: PNR Number



Travellers

Adult

Child

Other

[View Report \(Bookings with Flight Details\)](#)

As of Jun 25, 2025, 6:03 AM